* * *	* *	* *	* *	* Welcome to STN International * * * * * * * * *	
NEWS	1			Web Page URLs for STN Seminar Schedule - N. America	
NEWS	2			"Ask CAS" for self-help around the clock	
NEWS	3	DEC	23	New IPC8 SEARCH, DISPLAY, and SELECT fields in USPATFULL/	
				USPAT2	
NEWS	4	JAN	13	IPC 8 searching in IFIPAT, IFIUDB, and IFICDB	
NEWS	5	JAN	13	New IPC 8 SEARCH, DISPLAY, and SELECT enhancements added to	
	_			INPADOC	
NEWS	6	JAN		Pre-1988 INPI data added to MARPAT	
NEWS	7	JAN		IPC 8 in the WPI family of databases including WPIFV	
NEWS	8	JAN		Saved answer limit increased	
NEWS	9	FEB	21	STN AnaVist, Version 1.1, lets you share your STN AnaVist	
				visualization results	
NEWS				The IPC thesaurus added to additional patent databases on STN	
NEWS				Updates in EPFULL; IPC 8 enhancements added	
NEWS				New STN AnaVist pricing effective March 1, 2006	
NEWS				MEDLINE/LMEDLINE reload improves functionality	
NEWS				TOXCENTER reloaded with enhancements	
NEWS	15	FEB	28	REGISTRY/ZREGISTRY enhanced with more experimental spectral	
				property data	
NEWS				INSPEC reloaded and enhanced	
NEWS				Updates in PATDPA; addition of IPC 8 data without attributes	
NEWS		MAR		X.25 communication option no longer available after June 2006	
NEWS		MAR		EMBASE is now updated on a daily basis	
NEWS		APR		New IPC 8 fields and IPC thesaurus added to PATDPAFULL	
NEWS	21	APR	03	Bibliographic data updates resume; new IPC 8 fields and IPC thesaurus added in PCTFULL	
NEWS	22	APR	04	STN AnaVist \$500 visualization usage credit offered	
NEWS	23	APR	12	LINSPEC, learning database for INSPEC, reloaded and enhanced	
NEWS	24	APR	12	Improved structure highlighting in FQHIT and QHIT display in MARPAT	
NEWS	25	APR	12	Derwent World Patents Index to be reloaded and enhanced during	
NEWO	23	AFK	12	second quarter; strategies may be affected	
NEWS	EXP	RESS	FEI	BRUARY 15 CURRENT VERSION FOR WINDOWS IS V8.01a,	
			CUI	RRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),	
			AN	CURRENT DISCOVER FILE IS DATED 19 DECEMBER 2005.	
			V8	.0 AND V8.01 USERS CAN OBTAIN THE UPGRADE TO V8.01a AT	
			htt	tp://download.cas.org/express/v8.0-Discover/	
NEWS	нош	RS	STI	N Operating Hours Plus Help Desk Availability	
NEWS				lcome Banner and News Items	
	For general information regarding STN implementation of IPC 8				
Enter	NEW	s fol	וו	ed by the item number or name to see news on that	

Enter NEWS followed by the item number or name to see news on that specific topic.

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Take survey: http://www.zoomerang.com/survey.zgi?p=WEB2259HNKWTUW

Thank you in advance for your participation.

FILE 'HOME' ENTERED AT 16:27:49 ON 01 MAY 2006

=> fil ca; e US-20040191657/pn

COST IN U.S. DOLLARS

ENTRY SESSION 0.21 0.21

TOTAL

FULL ESTIMATED COST

0.21

SINCE FILE

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FILE COVERS 1907 - 27 Apr 2006 VOL 144 ISS 19 FILE LAST UPDATED: 27 Apr 2006 (20060427/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

E1	1	US2004191655/PN
E2	1	US2004191656/PN
E3	1>	US2004191657/PN
E4	1	US2004191658/PN
E5	1	US2004191659/PN
E6	1	US2004191660/PN
E7	1	US2004191661/PN
E8	1	US2004191662/PN
E9	1	US2004191663/PN
E10	1	US2004191664/PN
E11	1	US2004191665/PN
E12	1	US2004191666/PN

=> s e3 L1 1 US2004191657/PN

=> sel rn
E1 THROUGH E6 ASSIGNED

=> fil reg; s el-e6 COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 2.38 2.59

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 30 APR 2006 HIGHEST RN 882297-19-0 DICTIONARY FILE UPDATES: 30 APR 2006 HIGHEST RN 882297-19-0

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH January 6, 2006

Please note that search-term pricing does apply when conducting SmartSELECT searches.

* The CA roles and document type information have been removed from * the IDE default display format and the ED field has been added, * effective March 20, 2005. A new display format, IDERL, is now * available and contains the CA role and document type information. * *

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

1 100-21-0/BI (100-21-0/RN) 1 105-08-8/BI (105-08-8/RN) 1 147-14-8/BI (147-14-8/RN) 1 16283-36-6/BI (16283-36-6/RN) 1 32492-61-8/BI (32492-61-8/RN) 1 552-30-7/BI (552-30-7/RN) 6 (100-21-0/BI OR 105-08-8/BI OR 147-14-8/BI OR 16283-36-6/BI OR

32492-61-8/BI OR 552-30-7/BI)

=> d scan

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1,4-Benzenedicarboxylic acid (9CI)

MF C8 H6 O4

CI COM

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Poly(oxy-1,2-ethanediy1), α,α' -[(1-methylethylidene)di-4,1-phenylene)bis[ω -hydroxy-(9CI)

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT

MF (C2 H4 O)n (C2 H4 O)n C15 H16 O2

CI PMS, COM

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Zinc, bis $[2-(hydroxy-\kappa O)benzoato-\kappa O]-, (T-4)-(9CI)$

MF C14 H10 O6 Zn

CI CCS, COM

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 5-Isobenzofurancarboxylic acid, 1,3-dihydro-1,3-dioxo- (9CI)

MF C9 H4 O5

CI COM

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN Copper, [29H,31H-phthalocyaninato(2-)-κN29,κN30,κN31,.ka ppa.N32]-, (SP-4-1)- (9CI)

ADDITIONAL NAMES NOT AVAILABLE IN THIS FORMAT

MF C32 H16 Cu N8

CI CCS, COM

PAGE 1-A

PAGE 2-A



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

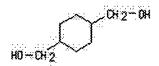
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1).

L2 6 ANSWERS REGISTRY COPYRIGHT 2006 ACS on STN

IN 1,4-Cyclohexanedimethanol (6CI, 7CI, 8CI, 9CI)

MF C8 H16 O2

CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> s 12 and c8h1602/mf

0 C8H1602/MF

L3 0 L2 AND C8H1602/MF

=> s 12 and c8h16o2/mf

2481 C8H16O2/MF

L4 1 L2 AND C8H16O2/MF

=> d rn

L4 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2006 ACS on STN

RN 105-08-8 REGISTRY

=> s 105-08-8/crn

L5 3735 105-08-8/CRN

=> s 15 and polyester/pct

192748 POLYESTER/PCT

L6 3280 L5 AND POLYESTER/PCT

=> fil ca;

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST

18.10 20.69

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FILE COVERS 1907 - 27 Apr 2006 VOL 144 ISS 19
FILE LAST UPDATED: 27 Apr 2006 (20060427/ED)
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CM

1

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s 16
L7
         5130 L6
=> s 17 and toner#
        33555 TONER#
            89 L7 AND TONER#
L8
=> s 18 and (carnauba or paraffin or wax##)
         9194 CARNAUBA
        103328 PARAFFIN
        107393 WAX##
L9
            9 L8 AND (CARNAUBA OR PARAFFIN OR WAX##)
=> d bib hitstr kwic 1-9; fil stnguide
    ANSWER 1 OF 9 CA COPYRIGHT 2006 ACS on STN
T.9
Full Text
ΔN
    143:123033 CA
TΙ
    Electrophotographic toner containing polyester and wax
    Matsumura, Kenichi; Niki, Akihiro
IN
PA
    Sekisui Chemical Co., Ltd., Japan
    Jpn. Kokai Tokkyo Koho, 18 pp.
    CODEN: JKXXAF
DT
    Patent
    Japanese
LA
FAN.CNT 1
    PATENT NO.
                        KIND
                               DATE
                                           APPLICATION NO.
                                                                  DATE
    -----
                        ____
                                           -----
                                        JP 2004-262729
    JP 2005189809
                         A2
                               20050714
                                                                  20040909
                               20031205
PRAI JP 2003-407795
                         Α
IT 25038-91-9P, Terephthalic acid/ethylene glycol/1,4-
    cyclohexanedimethanol copolymer
    RL: SPN (Synthetic preparation); TEM (Technical or engineered material
    use); PREP (Preparation); USES (Uses)
        (electrophotog. toner resin compn. and electrophotog.
       toners made thereof)
RN
    25038-91-9 CA
    1,4-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol and
    1,2-ethanediol (9CI) (CA INDEX NAME)
```

CRN 107-21-1 CMF C2 H6 O2

HU-CH2-CH2-OH

CM 2

CRN 105-08-8 CMF C8 H16 O2

CM 3

CRN 100-21-0 CMF C8 H6 O4

TI Electrophotographic toner containing polyester and wax

AB The title toner contains cryst. polyester of 180-280° C m.p., amorphous polyester of 30-80° C glass transition temp., and rice wax, wherein the content of the rice wax is 1-10%. s. The resin provides toner of good characteristics on low temp. fixing, high temp. offset-resistance, anti-blocking, and filming-resistance.

ST electrophotog toner resin compn polyester rice wax

IT Electrophotographic toners

(electrophotog. toner resin compn. and electrophotog. toners made thereof)

IT Polyesters, preparation

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(electrophotog. toner resin compn. and electrophotog. toners made thereof)

IT Waxes

(rice bran; electrophotog. toner resin compn. and electrophotog. toners made thereof)

IT Bran

(rice, waxes; electrophotog. toner resin compn. and electrophotog. toners made thereof)

IT 24968-12-5P 25038-91-9P, Terephthalic acid/ethylene glycol/1,4-cyclohexanedimethanol copolymer 26062-94-2P, Terephthalic acid/1,4-butanediol copolymer 195530-02-0P, Terephthalic acid-isophthalic acid-phthalic anhydride-neopentyl glycol-ethylene glycol copolymer

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(electrophotog. toner resin compn. and electrophotog. toners made thereof)

L9 ANSWER 2 OF 9 CA COPYRIGHT 2006 ACS on STN

Full Text

AN 141:380604 CA

TI Compatible multi-functional color concentrate compositions for plastics

IN Nitzsche, Norman E.

PA USA

SO U.S. Pat. Appl. Publ., 7 pp.

CODEN: USXXCO

DT Patent

LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2004214927	A1	20041028	US 2004-763538	20040123
	CA 2458164	AA	20050820	CA 2004-2458164	20040220
PRAI	US 2003-442211P	P	20030124		

IT 25640-14-6, Eastman 9921

RL: MOA (Modifier or additive use); USES (Uses) (compatible multifunctional color conc. compns. contg. polymers compatible with plastic matrix polymers)

RN 25640-14-6 CA

CN 1,4-Benzenedicarboxylic acid, dimethyl ester, polymer with 1,4-cyclohexanedimethanol and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 120-61-6 CMF C10 H10 O4

CM 2

CRN 107-21-1 CMF C2 H6 O2

HO-CH 2-CH 2-OH

CM :

CRN 105-08-8 CMF C8 H16 O2

AB Color conc. compns. are disclosed, which contain colorant(s), wax binder, and polymer compatible with the base polymer to which the conc. is intended to be added. The colorant is preferably one or more pigments. The compatible polymer preferably is the same polymer as the base polymer, although not necessarily the same mol. wt. The binder also serves as a surfactant to protect the compatible polymer. The presence of the compatible polymer in the conc. enhances conc. pellet integrity and adds the function of rheol. modification to the base polymer when the conc. is added.

ST pigment conc wax binder plastic

IT Waxes

RL: MOA (Modifier or additive use); USES (Uses)
(conc. binder; compatible multifunctional color conc. compns. contg.
polymers compatible with plastic matrix polymers)

IT Hydrocarbon waxes, uses

RL: MOA (Modifier or additive use); USES (Uses)
(microcryst., conc. binder; compatible multifunctional color conc.
compns. contg. polymers compatible with plastic matrix polymers)

IT Waxes

IT

RL: MOA (Modifier or additive use); USES (Uses) (oxidized, conc. binder; compatible multifunctional color conc. compns. contg. polymers compatible with plastic matrix polymers)

IT Amides, uses

Soaps

RL: MOA (Modifier or additive use); USES (Uses)

(waxes, conc. binder; compatible multifunctional color conc. compns. contg. polymers compatible with plastic matrix polymers)

1248-18-6, Lithol red 1314-41-6, Red lead 12240-15-2, Iron blue **25640-14-6**, Eastman 9921 51329-64-7, Chrome Orange 67800-72-0,

Chrome green

RL: MOA (Modifier or additive use); USES (Uses)
(compatible multifunctional color conc. compns. contg. polymers
compatible with plastic matrix polymers)

IT 1343-93-7, Phosphotungstic acid

RL: MOA (Modifier or additive use); USES (Uses)

(toner; compatible multifunctional color conc. compns. contg.
polymers compatible with plastic matrix polymers)

IT 108-31-6D, Maleic anhydride, reaction products with polyolefins 9002-84-0, PTFE 9002-88-4, Polyethylene 9002-88-4D, Polyethylene, maleated 9003-07-0D, Polypropylene, maleated 24937-78-8, EVA 24980-41-4, Polycaprolactone 25248-42-4, Polycaprolactone

RL: MOA (Modifier or additive use); USES (Uses)

(waxes, conc. binder; compatible multifunctional color conc. compns. contg. polymers compatible with plastic matrix polymers)

L9 ANSWER 3 OF 9 CA COPYRIGHT 2006 ACS on STN

Full Text

AN 138:229203 CA

TI Electrostatographic toner

IN Nakamura, Masanobu; Tabayashi, Hideki; Kikuko, Hiroyuki

PA Dainippon Ink and Chemicals, Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 15 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

PL JP 2003066652 A2 20030305 JP 2001-257243 20010828

PRAI JP 2001-257243 20010828

OS MARPAT 138:229203

IT 156209-91-5P 500728-49-4P 500728-50-7P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP

(Properties): TEM (Technical or engineered material use): PREP

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester binder for electrostatog. toner)

RN 156209-91-5 CA

CN 1,4-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol, 1,2-ethanediol and 2,2'-oxybis[ethanol] (9CI) (CA INDEX NAME)

CM 1

CRN 111-46-6 CMF C4 H10 O3

HO - CH 2 - CH 2 - OH 2 - CH 2 - CH 2 - OH

CM 2

CRN 107-21-1 CMF C2 H6 O2

HO-CH2-CH2-OH

CM 3

CRN 105-08-8 CMF C8 H16 O2

CM 4

CRN 100-21-0 CMF C8 H6 O4

RN 500728-49-4 CA

CN Naphthalenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-cyclohexanedimethanol, 2,2-dimethyl-1,3-propanediol and 1,2-ethanediol

(9CI) (CA INDEX NAME)

CM 1

CRN 28604-87-7 CMF C12 H8 O4 CCI IDS

CM 2

CRN 126-30-7 CMF C5 H12 O2

CM 3

CRN 107-21-1 CMF C2 H6 O2

CM 4

CRN 105-08-8 CMF C8 H16 O2

CM 5

CRN 100-21-0 CMF C8 H6 O4

RN 500728-50-7 CA

CN 1,3-Benzenedicarboxylic acid, polymer with 1,4-benzenedicarboxylic acid, 1,4-cyclohexanedimethanol, 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid, 2,2-dimethyl-1,3-propanediol and 1,2-ethanediol (9CI) (CA INDEX NAME)

CM 1

CRN 552-30-7 CMF C9 H4 O5

CM 2

CRN 126-30-7 CMF C5 H12 O2

CM 3

CRN 121-91-5 CMF C8 H6 O4

CM 4

CRN 107-21-1 CMF C2 H6 O2

HO-CH2-CH2-OH

CM 5

CRN 105-08-8 CMF C8 H16 O2

CM 6

CRN 100-21-0 CMF C8 H6 O4

TI Electrostatographic toner

AB Title electrostatog. toner, which has good fixing properties, antioffset properties, color reproducibility, and transparency and exhibits stable charging behavior in continuous printing, comprises at least a binder resin, a coloring agent, and a charge-control agent having general structure I (X1, X2 = H, alkyl, alkoxy, NO2, halogen; m, m', n, n' = 1-3; R1, R3 = H, C1-18 alkyl, alkenyl, sulfonamide, mesyl, sulfonic acid, carboxy ester, OH, C1-18 alkoxy, acetylamino, benzoylamino, halogen; R2, R4 = H, NO2; A+ = NH4+, H+, Na+, K+). The binder resin is characterized by contg. a polyester having cyclohexanedimethanol as main diol component.

ST electrostatog toner cyclohexanedimethanol polyester binder; charge control agent iron complex electrostatog toner

IT Electrographic toners

(electrostatog. toner contg. polyester binder and iron complex charge-control agent)

IT Carbon black, uses

Carnauba wax

RL: TEM (Technical or engineered material use); USES (Uses)
 (electrostatog. toner contg. polyester binder and iron
 complex charge-control agent)

IT Polyesters, properties

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester binder for electrostatog. toner)

IT Waxes

RL: TEM (Technical or engineered material use); USES (Uses) (scale insect; electrostatog. toner contg. polyester binder and iron complex charge-control agent)

IT 167548-21-2D, salts with mixed cations 191113-15-2D, salts with mixed cations 197526-67-3D, salts with mixed cations RL: MOA (Modifier or additive use); USES (Uses)

(charge-control agent for electrostatog. toner)

IT 61682-73-3, Pentaerythritol tetrabehenate

RL: TEM (Technical or engineered material use); USES (Uses) (electrostatog. toner contg. polyester binder and iron complex charge-control agent)

IT 156209-91-5P 500728-49-4P 500728-50-7P

RL: IMF (Industrial manufacture); POF (Polymer in formulation); PRP (Properties); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester binder for electrostatog. toner)

IT 9003-07-0, Polypropylene

RL: TEM (Technical or engineered material use); USES (Uses) (wax; electrostatog. toner contg. polyester binder and iron complex charge-control agent)

L9 ANSWER 4 OF 9 CA COPYRIGHT 2006 ACS on STN Full Text

AN 137:391029 CA

TI Toner containing release agent and low softening point substance for development of electrostatic latent image and manufacture thereof

IN Kamiyama, Mikio; Hayashi, Kenji; Yamazaki, Hiroshi; Omura, Takehsi

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 18 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND DATE		APPLICATION NO.	DATE	
PI	JP 2002341586	A2	20021127	JP 2001-150657	20010521	
PRAI	JP 2001-150657		20010521			

IT 33478-30-7P, Adipic acid-1,4-Cyclohexanedimethanol copolymer

RL: PNU (Preparation, unclassified); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(Toner from release agent and low softening point substance)

RN 33478-30-7 CA

CN Hexanedioic acid, polymer with 1,4-cyclohexanedimethanol (9CI) (CA INDEX NAME)

CM 1

CRN 124-04-9 CMF C6 H10 O4

HD 2C - (CH 2) 4 - CD 2H

CM 2

CRN 105-08-8 CMF C8 H16 O2

- TI Toner containing release agent and low softening point substance for development of electrostatic latent image and manufacture thereof
- AB The title toner comprises a resin, a colorant, a release agent, and a low softening point substance, wherein the release agent (R) and the low softening point substance (L) have relations $2 \le R/L \le 15$ at near the toner surface and $0.05 \le R/L \le 0.5$ in the inside.

```
The process involving salting out/fusion is also claimed. The toner may
    be coated by particles made up of a cryst. polyester and a wax. The
     toner having above relations between the release agent and the low
     softening point substance provided excellent fixing and releasing
    properties.
ST
    electrophotog toner release agent low softening point substance
IT
    Electrophotographic toners
        (Toner from release agent and low softening point substance)
IT
    Polyesters, uses
    RL: TEM (Technical or engineered material use); USES (Uses)
        (Toner from release agent and low softening point substance)
IT
    25036-16-2P, Butyl acrylate-methacrylic acid-styrene copolymer
    25569-53-3P, Ethylene glycol-succinic acid copolymer 25667-11-2P,
    Ethylene glycol-succinic acid copolymer, sru 26745-88-0P,
     1,6-Hexanediol-sebacic acid copolymer 26762-10-7P, 1,6-Hexanediol-
     sebacic acid copolymer, sru 32106-90-4P, Adipic acid-1,4-
    Cyclohexanedimethanol copolymer, sru 33478-30-7P, Adipic
     acid-1,4-Cyclohexanedimethanol copolymer
    RL: PNU (Preparation, unclassified); TEM (Technical or engineered material
    use); PREP (Preparation); USES (Uses)
        (Toner from release agent and low softening point substance)
ΙT
    61682-73-3
    RL: TEM (Technical or engineered material use); USES (Uses)
        (Toner from release agent and low softening point substance)
    ANSWER 5 OF 9 CA COPYRIGHT 2006 ACS on STN
L9
Full Text
AN
    136:301763 CA
    Color toner for developing an electrostatic image
TI
IN
    Aoki, Megumi; Inoue, Masahide; Mikuriya, Yoshihiro; Hagi, Masayuki
PΑ
SO
    U.S. Pat. Appl. Publ., 11 pp.
    CODEN: USXXCO
DT
    Patent
LA
    English
FAN.CNT 1
    PATENT NO.
                      KIND DATE
                                        APPLICATION NO.
                                                                DATE
    ______
                                          -----
                       ----
    US 2002042013
                      A1 20020411 US 2001-920716
                                                                20010803
    US-6503679
                       B2 20030107
    JP 2002131969
                       A2 20020509
                                          JP 2001-237724
                                                                20010806
                    A
PRAI JP 2000-239725
                             20000808
IT 407629-54-3P, 1,4-Cyclohexanedimethanol-1,4-
    cyclohexanedicarboxylic acid-isophthalic acid-terephthalic
    acid-trimellitic acid copolymer
    RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or
    engineered material use); PREP (Preparation); USES (Uses)
       (cryst. resin; color toner for developing electrostatic image
       contg.)
RN
    407629-54-3 CA
    1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic
    acid, 1,4-benzenedicarboxylic acid, 1,4-cyclohexanedicarboxylic acid and
    1,4-cyclohexanedimethanol (9CI) (CA INDEX NAME)
    CM 1
    CRN 1076-97-7
    CMF C8 H12 O4
```

CM 2

CRN 528-44-9 CMF C9 H6 O6

CM 3

CRN 121-91-5 CMF C8 H6 O4

CM 4

CRN 105-08-8 CMF C8 H16 O2

CM 5

CRN 100-21-0 CMF C8 H6 O4

TI Color toner for developing an electrostatic image

AB The present invention provides a color toner for developing an

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electrostatic image having excellent light transmission for OHP and fixing
     efficiency, said color toner effectively preventing a low temp. offset
     and a high temp. offset when it is applied to a fixing device whose
     coating wt. of an oil is reduced. The color toner is characterized in
     that (1) it comprises a binding resin and a colorant; (2) its storage
     elastic modulus at 90° C. (G'90 ) is \leq 6 \times 104 Pa; (3)
     its storage elastic modulus at 140° C. (G'140 ) is ≥
     5\times102Pa; (4) a temp. showing a max. value of \delta in tan
     \delta = G''/G' (wherein G' is a storage elastic modulus of the color
     toner, and G'' is a loss elastic modulus of the color toner) exists in
     the range of 90-120° C.; and (5) the max. value of \delta is
ST
     electrog color toner development resin
     Electrographic toners
        (color toner for developing electrostatic image)
ΙT
     Electrography
        (development; color toner for developing electrostatic image)
     407629-55-4P, Ethoxylated Bisphenol A-ethylene glycol-dodecenylsuccinic
IT
     acid-terephthalic acid copolymer
     RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or
     engineered material use); PREP (Preparation); USES (Uses)
        (color toner for developing electrostatic image contg.)
ΙT
     79293-17-7P, Ethoxylated Bisphenol A-ethylene glycol-terephthalic acid
               178156-11-1P, Bisphenol A-ethylene oxide adduct-ethylene
     glycol-terephthalic acid-trimethylolpropane copolymer 407629-53-2P,
     Ethoxylated Bisphenol A-cyclohexanedimethanol-terephthalic
     acid-trimethylolpropane copolymer 407629-54-3P,
     1,4-Cyclohexanedimethanol-1,4-cyclohexanedicarboxylic acid-isophthalic
     acid-terephthalic acid-trimellitic acid copolymer 407629-56-5P,
     Ethoxylated Bisphenol A-ethylene glycol-terephthalic acid-
     trimethylolpropane-trimellitic acid copolymer
     RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or
     engineered material use); PREP (Preparation); USES (Uses)
        (cryst. resin; color toner for developing electrostatic image
        contg.)
ΙT
     115231-88-4P, Bisphenol A-ethylene oxide adduct-Bisphenol A-propylene
     oxide adduct-fumaric acid-terephthalic acid copolymer
                                                             130467-46-8P,
     Ethoxylated Bisphenol A-propoxylated Bisphenol A-dodecenylsuccinic
     acid-terephthalic acid-trimellitic acid copolymer
     RL: PRP (Properties); SPN (Synthetic preparation); TEM (Technical or
     engineered material use); PREP (Preparation); USES (Uses)
        (resin; color toner for developing electrostatic image
     9002-88-4, Polyethylene
                               9003-07-0, Polypropylene
     RL: TEM (Technical or engineered material use); USES (Uses)
        (wax; color toner for developing electrostatic
        image contg.)
     ANSWER 6 OF 9 CA COPYRIGHT 2006 ACS on STN
L9
Full Text
ΑN
     133:342435 CA
ΤI
     Electrophotographic dry toner and method for image formation
     Kawamoto, Keishi; Ono, Manabu; Hashimoto, Akira; Handa, Satoshi; Kukimoto,
     Isamu
    Canon Inc., Japan
PA
    Jpn. Kokai Tokkyo Koho, 32 pp.
     CODEN: JKXXAF
DT
     Patent
T.A
    Japanese
FAN.CNT 1
     PATENT NO.
                         KIND
                                DATE
                                            APPLICATION NO.
                                                                    DATE
     -----
```

PI JP 2000305320 PRAI JP 1999-116088

A2 20001102 19990423 JP 1999-116088

19990423

IT 304697-62-9P, Adipic acid-1,3-cyclohexanedicarboxylic acid-1,4-cyclohexanedimethanol-1,3,5-cyclohexanetricarboxylic acid-hydrogenated bisphenol A copolymer 304697-64-1P, Adipic acid-1,4-cyclohexanedicarboxylic acid-1,4-cyclohexanedimethanol-1,3,5-cyclohexanetricarboxylic acid-hydrogenated bisphenol A copolymer 304697-65-2P, 1,4-Cyclohexanedimethanol-ethoxylated hydrogenated bisphenol A-ethylene glycol-hydrogenated bisphenol A-isophthalic acid-propylene glycol-terephthalic acid-trimellitic acid copolymer RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(polyester resin in electrophotog. toners)

RN 304697-62-9 CA

1,3,5-Cyclohexanetricarboxylic acid, polymer with 1,3-cyclohexanedicarboxylic acid, 1,4-cyclohexanedimethanol, hexanedioic acid and 4,4'-(1-methylethylidene)bis[cyclohexanol] (9CI) (CA INDEX NAME)

CM 1

CN

CRN 25357-95-3 CMF C9 H12 O6

CM 2

CRN 3971-31-1 CMF C8 H12 O4

CM 3

CRN 124-04-9 CMF C6 H10 O4

HO 2C - (CH 2) 4-CO 2H

CM 4

CRN 105-08-8 CMF C8 H16 O2

CM 5

CRN 80-04-6 CMF C15 H28 O2

RN 304697-64-1 CA

CN 1,3,5-Cyclohexanetricarboxylic acid, polymer with 1,4-cyclohexanedicarboxylic acid, 1,4-cyclohexanedimethanol, hexanedioic acid and 4,4'-(1-methylethylidene)bis[cyclohexanol] (9CI) (CA INDEX NAME)

CM J

CRN 25357-95-3 CMF C9 H12 O6

CM 2

CRN 1076-97-7 CMF C8 H12 O4

CM 3

CRN 124-04-9 CMF C6 H10 O4

HD 2C - (CH 2) 4 - CD 2H

CM 4

CRN 105-08-8 CMF C8 H16 O2

CM 5

CRN 80-04-6 CMF C15 H28 O2

RN 304697-65-2 CA

CN 1,2,4-Benzenetricarboxylic acid, polymer with 1,3-benzenedicarboxylic acid, 1,4-benzenedicarboxylic acid, 1,4-cyclohexanedimethanol, 1,2-ethanediol, 4,4'-(1-methylethylidene)bis[cyclohexanol], α,α' -[(1-methylethylidene)di-4,1-cyclohexanediyl]bis[ω -hydroxypoly(oxy-1,2-ethanediyl)] and 1,2-propanediol (9CI) (CA INDEX NAME)

CM 1

CRN 62580-01-2 CMF (C2 H4 O)n (C2 H4 O)n C15 H28 O2 CCI PMS

CM 2

CRN 528-44-9 CMF C9 H6 O6

CM 3

CRN 121-91-5 CMF C8 H6 O4

CM 4

CRN 107-21-1 CMF C2 H6 O2

HO-CH2-CH2-OH

CM 5

CRN 105-08-8 CMF C8 H16 O2

CM 6

CRN 100-21-0 CMF C8 H6 O4

CM '

CRN 80-04-6 CMF C15 H28 O2

CM

8

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CRN 57-55-6
     CMF C3 H8 O2
ΤI
     Electrophotographic dry toner and method for image formation
AB
     The title toner contains a binder resin, a colorant, wax, and a
     polyester resin having an alicyclic group, wherein the polyester resin is
     prepd. from polycarboxylic acid and a polyalc. and is contained 0.1-50 %.
     The toner has 2-10 \mu m no. av. particle diam., 0.950-0.995 spherical
     shape coeff., and ≤0.040 std. deviation of the roundness degree.
     The toner provides the excellent performance under various environmental
     conditions and the high quality image.
ST
     electrophotog dry toner polyester resin
IT
     Electrophotographic toners
        (dry; electrophotog. dry toner and method for image
        formation)
ΙT
     Polyesters, preparation
     RL: SPN (Synthetic preparation); TEM (Technical or engineered material
     use); PREP (Preparation); USES (Uses)
        (polyester resin in electrophotog. toners)
IT 304697-62-9P, Adipic acid-1,3-cyclohexanedicarboxylic
     acid-1,4-cyclohexanedimethanol-1,3,5-cyclohexanetricarboxylic
     acid-hydrogenated bisphenol A copolymer
                                              304697-63-0P,
     1,4-Cyclohexanedicarboxylic acid-1,4-cyclohexanediol-1,3,5-
     cyclohexanetricarboxylic acid-hydrogenated bisphenol A copolymer
     304697-64-1P, Adipic acid-1,4-cyclohexanedicarboxylic
     acid-1,4-cyclohexanedimethanol-1,3,5-cyclohexanetricarboxylic
     acid-hydrogenated bisphenol A copolymer 304697-65-2P,
     1,4-Cyclohexanedimethanol-ethoxylated hydrogenated bisphenol A-ethylene
     glycol-hydrogenated bisphenol A-isophthalic acid-propylene
     glycol-terephthalic acid-trimellitic acid copolymer 304697-66-3P,
     1,3-Cyclohexanedicarboxylic acid-1,4-cyclohexanediol-1,3,5-
     cyclohexanetricarboxylic acid-decenylsuccinic anhydride-ethoxylated
     bisphenol A-ethoxylated hydrogenated bisphenol A-isophthalic
     acid-propoxylated bisphenol A-terephthalic acid copolymer
     RL: SPN (Synthetic preparation); TEM (Technical or engineered material
     use); PREP (Preparation); USES (Uses)
        (polyester resin in electrophotog. toners)
     ANSWER 7 OF 9 CA COPYRIGHT 2006 ACS on STN
L9
     133:303533 CA
ΑN
    Topcoats for improved laser printing and methods of using the same
TI
ΙN
     Waterm
           in, Michael T.; Meader, Christopher D.; Lender, Paul
    Avery Dennison Corp., USA
PA
so
        Ant. Appl., 28 pp.
     PCT
     CODEN: PIXXD2
DT
     Patent
LA
     English
FAN.CNT 1
    PATENT NO.
                        KIND
                                DATE
                                            APPLICATION NO.
                                                                   DATE
PΙ
    WO 2000060024
                         A1
                                20001012
                                            WO 2000-US9335
        W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR,
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CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU,

ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG PRAI US 1999-128130P P 19990407 IT 54590-72-6 146090-39-3 RL: TEM (Technical or engineered material use); USES (Uses) (toner receptive topcoats for laser printing materials) RN 54590-72-6 CA 1,3-Benzenedicarboxylic acid, 5-sulfo-, monosodium salt, polymer with CN 1,3-benzenedicarboxylic acid, 1,4-cyclohexanedimethanol and 2,2'-oxybis[ethanol] (9CI) (CA INDEX NAME) CM 1 CRN 6362-79-4 CMF C8 H6 O7 S . Na

Na

CM 2

CRN 121-91-5 CMF C8 H6 O4

CM 3

CRN 111-46-6 CMF C4 H10 O3

HO-CH2-CH2-O-CH2-CH2-OH

CM 4

CRN 105-08-8 CMF C8 H16 O2

RN 146090-39-3 CA

CN 1,4-Benzenedicarboxylic acid, polymer with 1,4-benzenedimethanol, 1,4-cyclohexanedimethanol, 3,3'-[iminobis(sulfonyl)]bis[benzoic acid] disodium salt and propanedioic acid (9CI) (CA INDEX NAME)

CM 1

CRN 65697-08-7

CMF C14 H11 N O8 S2 . 2 Na

2 Na

CM 2

CRN 589-29-7 CMF C8 H10 O2

CM 3

CRN 141-82-2 CMF C3 H4 O4

HO 2C - CH 2- CO 2H

CM 4

CRN 105-08-8 CMF C8 H16 O2

CM 5

CRN 100-21-0 CMF C8 H6 O4

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

- AB Toner receptive topcoats having improved fusion and anchorage of color toners on a laser-printable support are composed of a polymer binder and, optionally, ≥1 functional additive. The toner-receptive topcoat can be an aq. topcoat compn. comprising a major amt. of a solvent and a minor amt. of a polymeric binder in order to obtain a toner adhesion rating of greater than or equal to about 15 g in the BYK-Gardner test on a thick facestock. Thus, a compn. contg. deionized water, Drewplus L474, Eastman AQ35S MSP 250-50, and Plasthall 705Q was coated on a facestock, dried and imaged with a color printer to give a printed having excellent toner adhesion.
- ST topcoat color toner adhesion laser printing
- IT Polyurethanes, uses

RL: TEM (Technical or engineered material use); USES (Uses) (acrylic; toner receptive topcoats for laser printing materials)

IT Electrophotographic paper

(color; toner receptive topcoats for laser printing
materials)

IT Hydrocarbon waxes, uses

RL: TEM (Technical or engineered material use); USES (Uses) (microcryst., MSP 250-50; toner receptive topcoats for laser printing materials)

IT Acrylic polymers, uses

RL: TEM (Technical or engineered material use); USES (Uses)
 (polyurethane-; toner receptive topcoats for laser printing
materials)

IT Polyesters, uses

RL: TEM (Technical or engineered material use); USES (Uses)
 (sulfonated and nonsulfonated; toner receptive topcoats for
 laser printing materials)

IT Polyoxyalkylenes, uses

Polyurethanes, uses

Silica gel, uses

RL: TEM (Technical or engineered material use); USES (Uses) (toner receptive topcoats for laser printing materials)

L9 ANSWER 8 OF 9 CA COPYRIGHT 2006 ACS on STN Full Text

AN 133:288816 CA

TI Electrophotographic toner in two-component electrophotographic developer

and method for image formation using same IN Yoshino, Susumu; Ohya, Yasuhiro; Ninomiya, Masanobu; Hamano, Koichi; Yoshihara, Kotaro; Ohishi, Kaori; Taguchi, Tetsuya PA Fuji Xerox Co., Ltd., Japan SO Jpn. Kokai Tokkyo Koho, 10 pp. CODEN: JKXXAF DT Patent LA Japanese FAN.CNT 1 PATENT NO. KIND APPLICATION NO. -----JP 2000267338 20000929 A2 JP 1999-69286 19990315 PRAI JP 1999-69286 19990315 IT 299422-43-8P, Terephthalic acid-ethoxylated bisphenol A-propoxylated bisphenol A-1,2-cyclohexanedimethanol copolymer RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses) (binder resin electrophotog. toner) RN 299422-43-8 CA 1,4-Benzenedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol, CN α , α '-[(1-methylethylidene)di-4,1-phenylene]bis[ω hydroxypoly(oxy-1,2-ethanediyl)] and α,α' -[(1methylethylidene) di-4,1-phenylene]bis [ω-hydroxypoly [oxy (methyl-1,2ethanediyl)]] (9CI) (CA INDEX NAME) CM 1 CRN 37353-75-6 (C3 H6 O)n (C3 H6 O)n C15 H16 O2 CCI IDS, PMS

CM 2

CRN 32492-61-8 CMF (C2 H4 O)n (C2 H4 O)n C15 H16 O2 CCI PMS

$$\begin{array}{c} \text{HO} - \left\{ \begin{array}{c} \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 - \text{CH}_2 \\ \end{array} \right\} \\ \text{No} \end{array}$$

CM 3

CRN 105-08-8 CMF C8 H16 O2

CM 4

CRN 100-21-0 CMF C8 H6 O4

TI Electrophotographic toner in two-component electrophotographic developer and method for image formation using same

AB The title toner has a binder resin, a colorant, and wax, wherein the wax has 40-120 °C heat-absorbing temp. according to a differential scanning calorimeter, 80-120 °C m.p., and 1-200 cp melt viscosity at 120 °C. The toner has a specific shape const., and 1.9-4.0 sp. surface area, and 3-10 μm vol. av. particle diam. The toner shows the excellent storageability and offset-resistance.

ST electrophotog toner wax two component developer

IT Polyesters, preparation

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(binder resin in electrophotog. toner)

IT Waxes

RL: TEM (Technical or engineered material use); USES (Uses)
 (electrophotog. toner)

IT Electrophotographic developers

Electrophotographic toners

Electrophotography

(electrophotog. toner in two-component electrophotog.

developer and method for image formation using same)

IT Carnauba wax

RL: TEM (Technical or engineered material use); USES (Uses)

(wax in electrophotog. toner)

IT 160970-95-6P, Isopropenyltoluene-indene copolymer 299422-43-8P,
 Terephthalic acid-ethoxylated bisphenol A-propoxylated bisphenol
 A-1,2-cyclohexanedimethanol copolymer

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(binder resin electrophotog. toner)

IT 142689-49-4P, Terephthalic acid-ethoxylated bisphenol A-cyclohexanedimethanol copolymer

RL: SPN (Synthetic preparation); TEM (Technical or engineered material use); PREP (Preparation); USES (Uses)

(binder resin in electrophotog. toner)

IT 22413-03-2, Behenyl stearate 109376-47-8

RL: TEM (Technical or engineered material use); USES (Uses)
 (wax in electrophotog. toner)

L9 ANSWER 9 OF 9 CA COPYRIGHT 2006 ACS on STN Full Text

AN 110:104876 CA

TI Electrostatographic heat-fixable microencapsulated toners

IN Matsubara, Akitoshi; Takahashi, Jiro

PA Konica Co., Japan

SO Jpn. Kokai Tokkyo Koho, 13 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	JP 63128360	A2	19880531	JP 1986-274183	19861119	
DDAT	TD 1006 274102		10061110			

PRAI JP 1986-274183 19861119

IT 119131-33-8

RL: USES (Uses)

(binders, electrostatog. heat-fixable microencapsulated toners with core particles contg.)

RN 119131-33-8 CA

CN 1,4-Cyclohexanedicarboxylic acid, polymer with 1,4-cyclohexanedimethanol and 1,3-dihydro-1,3-dioxo-5-isobenzofurancarboxylic acid (9CI) (CA INDEX NAME)

CM 1

CRN 1076-97-7 CMF C8 H12 O4

CM 2

CRN 552-30-7 CMF C9 H4 O5

CM 3

CRN 105-08-8 CMF C8 H16 O2

TI Electrostatographic heat-fixable microencapsulated toners

AR A nonlinear polymer such as a crosslinked polymer and a wax are included in heat-fusible core particles and a thermoplastic polymer is used as a shell material to produce electrostatog. microencapsulated toner particles with improved offset resistance, low temp. fixability, and wide fixable temp. ranges. The nonlinear polymer may be the Bu acrylate-Divinylbenzene-Me methacrylate- α -methylstyrene-styrene copolymer. A paraffin wax such as Sazol Wax H 1 having m.p. 108° may be included in the core particles to reduce toner stain on fixing rollers. Thermoplastic acrylic acid-Bu acrylate-Me methacrylate-styrene copolymer may be used as the shell material. electrostatog heat fixing toner microcapsule ST Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous RL: USES (Uses) (binders, electrostatog. heat-fixable microencapsulated toners with core particles contq.) IT Polyesters, uses and miscellaneous RL: USES (Uses) (nonlinear, binders, electrostatog, heat-fixable microencapsulated toners with core particles contq.) TΤ Electrography (developers, toners, microencapsulated, core particles contq. nonlinear polymer and wax for) ΙT Fatty acids, esters RL: USES (Uses) (montan-wax, esters, with ethylene glycol, binders, electrostatog. heat-fixable microencapsulated toners with core particles contg. Hoechst Wax E) ΙT Electrophotographic developers (toners, microencapsulated, core particles contg. nonlinear polymer and wax for) TТ 119131-32-7 119131-33-8 119131-48-5 RL: USES (Uses) (binders, electrostatog. heat-fixable microencapsulated toners with core particles contq.) 27306-39-4, Acrylic acidbutyl acrylatemethyl methacrylate-styrene IT copolymer RL: USES (Uses) (thermoplastic, electrostatog. heat-fixable microencapsulated toners with shell materials from)

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	54.94	75.63
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-6.39	-6.39

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AND TECHNOLOGY CORPORATION, AND FACHINFORMATIONSZENTRUM KARLSRUHE

FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Apr 21, 2006 (20060421/UP).

=> fil ca; d his COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 0.06 75.69

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
SINCE FILE TOTAL ENTRY SESSION

CA SUBSCRIBER PRICE 0.00 -6.39

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FILE COVERS 1907 - 27 Apr 2006 VOL 144 ISS 19 FILE LAST UPDATED: 27 Apr 2006 (20060427/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

(FILE 'HOME' ENTERED AT 16:27:49 ON 01 MAY 2006)

FILE 'CA' ENTERED AT 16:28:07 ON 01 MAY 2006

E US-20040191657/PN

L1 1 S E3 SEL RN

FILE 'REGISTRY' ENTERED AT 16:28:19 ON 01 MAY 2006

L2 6 S E1-E6

L3 0 S L2 AND C8H1602/MF

L4 1 S L2 AND C8H16O2/MF

L5 3735 S 105-08-8/CRN

L6 3280 S L5 AND POLYESTER/PCT

FILE 'CA' ENTERED AT 16:30:17 ON 01 MAY 2006

L7 5130 S L6

L8 89 S L7 AND TONER#

L9 9 S L8 AND (CARNAUBA OR PARAFFIN OR WAX##)

FILE 'STNGUIDE' ENTERED AT 16:31:45 ON 01 MAY 2006

FILE 'CA' ENTERED AT 16:32:24 ON 01 MAY 2006

=> save 18 a805206/a

ANSWER SET L8 HAS BEEN SAVED AS 'A805206/A'

=>